

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2009/056390

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61K38/08 A61K38/55 A61P25/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 577 320 A (PASTEUR INSTITUT [FR]) 21 September 2005 (2005-09-21) cited in the application	1-5,8-16
Y	see sequences No.3-4, claims 22-29	1-16
Y	WISNER ANNE ET AL: "Human Opiorphin, a natural antinociceptive modulator of opioid-dependent pathways" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC.; US, vol. 103, no. 47, 1 November 2006 (2006-11-01), pages 17979-17984, XP002499569 ISSN: 0027-8424 the whole document	1-16

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

22 February 2010

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01/03/2010

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	<p>WO 2009/124948 A1 (PASTEUR INSTITUT [FR]; ROUGEOT CATHERINE [FR]) 15 October 2009 (2009-10-15) see claim 5 and paragraphs [00100] and [00109]</p>	1-16

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2009/056390

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1577320	A	21-09-2005	AU 2005223492 A1	29-09-2005
			CA 2559215 A1	29-09-2005
			CN 1953988 A	25-04-2007
			WO 2005090386 A1	29-09-2005
			JP 2008507256 T	13-03-2008
			US 2008206230 A1	28-08-2008
WO 2009124948	A1	15-10-2009	US 2009253639 A1	08-10-2009